

SEQUENCE LISTING

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												gct Ala 45				201
												gca Ala				249
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aato	,,,,,	222 2	.+++s	t	- t- a-	22++2	atat		+ - ~ -		2++			.++~+	atass	25/

<210> 2

<211> 78

<212> PRT

<213> Phyllomedusa bicolor

<400>2

Met Asp Ile Leu Lys Lys Ser Leu Phe Leu Val Leu Phe Leu Gly Leu

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Val Ser Leu Ser Ile Cys Glu Glu Glu Lys Arg Glu Asn Glu Asp Glu 20 25 30

Glu Lys Gln Asp Asp Glu Gln Ser Glu Met Lys Arg Ala Met Trp Lys 35 40 45

Asp Val Leu Lys Lys Ile Gly Thr Val Ala Leu His Ala Gly Lys Ala 50 60

Ala Leu Gly Ala Val Ala Asp Thr Ile Ser Gln Gly Glu Gln 65 70 75

<210> 3

<211> 27

<212> PRT

<213> Phyllomedusa bicolor

<400> 3

Asp Val Leu Lys Lys Ile Gly Thr Val Ala Leu His Ala Gly Lys Ala
1 5 10 15

Ala Leu Gly Ala Val Ala Asp Thr Ile Ser Gln

<210> 4

<211> 31

<212> PRT

<213> Phyllomedusa bicolor

<400> 4

Ala Met Trp Lys Asp Val Leu Lys Lys Ile Gly Thr Val Ala Leu His

1 10 15

Ala Gly Lys Ala Ala Leu Gly Ala Val Ala Asp Thr Ile Ser Gln 20 25 30

<210> 5

<211> 36

<212> PRT

<213> Pachymedusa dacnicolor

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Ser Lys Lys Ala Ala Gly Lys Ala Ala Leu Gly Ala Val Ser Glu Ala
Leu Gly Glu Gln
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<210> 6
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<213> Pachymedusa dacnicolor
Ala Leu Trp Lys Thr Leu Leu Lys Lys Val Gly Lys Val Ala Gly Lys
Ala Val Leu Asn Ala Val Thr Asn Met Ala Asn Gln Asn Glu Gln
                                 25
<210> 7
<211> 35
<212> PRT
<213> Agalychnis annae
Gly Met Trp Ser Thr Ile Arg Asn Val Gly Lys Ser Ala Ala Lys Ala
Ala Asn Leu Pro Ala Lys Ala Ala Leu Gly Ala Ile Ser Glu Ala Val
Gly Glu Gln
         35
<210> 8
<211> 29
<212> PRT
<213> Agalychnis annae
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Ala Ala Leu Gly Ala Val Lys Thr Leu Ala Gly Glu Gln
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3

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<213> Agalychnis annae
<400> 9
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Ala Leu Asn Ala Val Thr Gly Met Val Asn Gln Gly Glu Gln
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<211> 34
<212> PRT
<213> Phyllomedusa sauvagei
<400> 10
Ala Leu Trp Lys Thr Met Leu Lys Lys Leu Gly Thr Met Ala Leu His
Ala Gly Lys Ala Ala Leu Gly Ala Ala Ala Asp Thr Ile Ser Gln Gly
Thr Gln
<210> 11
<211> 34
<212> PRT
<213> Phyllomedusa sauvagei
<400> 11
Ala Leu Trp Phe Thr Met Leu Lys Lys Leu Gly Thr Met Ala Leu His
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Ala Gly Lys Ala Ala Leu Gly Ala Ala Asn Thr Ile Ser Gln Gly
Thr Gln
<210> 12
<211> 30
<212> PRT
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Ala Ala Leu Gly Ala Val Lys Lys Leu Val Gly Ala Glu Ser
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<210> 13 <211> 27

25

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<213> Phyllomedusa sauvagei
Ala Leu Trp Met Thr Leu Leu Lys Lys Val Leu Lys Ala Ala Ala Lys
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Ala Leu Asn Ala Val Leu Val Gly Ala Asn Ala
             20
<210> 14
<211> 29
<212> PRT
<213> Phyllomedusa sauvagei
Gly Leu Trp Ser Lys Ile Lys Thr Ala Gly Lys Ser Val Ala Lys Ala
  1
                  5
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Ala Ala Lys Ala Ala Val Lys Ala Val Thr Asn Ala Val
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<210> 15
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<213> Rana temporaria
<220>
<221> CDS
<222> (53)..(238)
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                                                           Met Phe
acc ttg aag aaa tcc ctc tta ctc ctt ttc ctt ggg acc atc aac
                                                                   106
Thr Leu Lys Lys Ser Leu Leu Leu Phe Phe Leu Gly Thr Ile Asn
          5
tta tct ctc tgt gag gaa gag aga gat gcc gat gaa gaa aga aga gat
                                                                   154
Leu Ser Leu Cys Glu Glu Glu Arg Asp Ala Asp Glu Glu Arg Arg Asp
     20
gat ctc gaa gaa agg gat gtt gaa gtg gaa aag cga ttt ttt cca gtg
                                                                   202
Asp Leu Glu Glu Arq Asp Val Glu Val Glu Lys Arq Phe Phe Pro Val
35
                     40
                                         45
att gga agg ata ctc aat ggt att ttg gga aaa taa ccaaaaaaag
                                                                   248 -
Ile Gly Arg Ile Leu Asn Gly Ile Leu Gly Lys
ttaaaacttt ggaaatggaa ttggaaatca tctaatgtgg aatgtcattt agctaaatgc 308
acatcaaatg tcttataaaa a
                                                                   329
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<210> 16
<211> 61
<212> PRT
<213> Rana temporaria
<400> 16
Met Phe Thr Leu Lys Lys Ser Leu Leu Leu Phe Phe Leu Gly Thr
Ile Asn Leu Ser Leu Cys Glu Glu Glu Arg Asp Ala Asp Glu Glu Arg
Arg Asp Asp Leu Glu Glu Arg Asp Val Glu Val Glu Lys Arg Phe Phe
Pro Val Ile Gly Arg Ile Leu Asn Gly Ile Leu Gly Lys
<210> 17
<211> 13
<212> PRT
<213> Rana temporaria
<400> 17
Phe Phe Pro Val Ile Gly Arg Ile Leu Asn Gly Ile Leu
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<210> 18
<211> 13
<212> PRT
<213> Rana temporaria
Phe Leu Pro Leu Ile Gly Arg Val Leu Ser Gly Ile Leu
<210> 19
<211> 13
<212> PRT
<213> Rana temporaria
<400> 19
Leu Leu Pro Ile Val Gly Asn Leu Leu Lys Ser Leu Leu
<210> 20
<211> 13
<212> PRT
<213> Rana temporaria
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<400> 20 .

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Leu Leu Pro Ile Leu Gly Asn Leu Leu Asn Gly Leu Leu
<210> 21
<211> 13
<212> PRT
<213> Rana temporaria
<400> 21
Leu Leu Pro Ile Val Gly Asn Leu Leu Asn Ser Leu Leu
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<210> 22
<211> 13
<212> PRT
<213> Rana temporaria
<400> 22
Val Leu Pro Ile Ile Gly Asn Leu Leu Asn Ser Leu Leu
                5
<210> 23
<211> 13
<212> PRT
<213> Rana temporaria
Phe Leu Pro Leu Ile Gly Lys Val Leu Ser Gly Ile Leu
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<210> 24
<211> 12
<212> PRT
<213> Rana temporaria
<400> 24
Leu Ser Pro Asn Leu Leu Lys Ser Leu Leu Gly Lys
<210> 25
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<212> PRT
<213> Rana temporaria
<400> 25
Leu Leu Pro Asn Leu Leu Lys Ser Leu Leu
                  5
<210> 26
<211> 13
<212> PRT
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<213> Rana temporaria
<400> 26
Phe Val Gln Trp Phe Ser Lys Phe Leu Gly Arg Ile Leu
<210> 27
<211> 99
<212> DNA
<213> Phyllomedusa bicolor
<220>
<221> CDS
<222> (1)..(99)
<400> 27
atg gcc atg tgg aaa gac gtt ctg aaa aag atc ggt act gtc gcc ctc
                                                                   48
Met Ala Met Trp Lys Asp Val Leu Lys Lys Ile Gly Thr Val Ala Leu
cat gca ggg aag gcc gcg ctt gga gca gta gcc gac acc atc tcg cag
                                                                   96
His Ala Gly Lys Ala Ala Leu Gly Ala Val Ala Asp Thr Ile Ser Gln
                                  25
taa
                                                                   99
<210> 28
<211> 32
<212> PRT
<213> Phyllomedusa bicolor
<400> 28
Met Ala Met Trp Lys Asp Val Leu Lys Lys Ile Gly Thr Val Ala Leu
His Ala Gly Lys Ala Ala Leu Gly Ala Val Ala Asp Thr Ile Ser Gln
                                 25
<210> 29
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<212> DNA
<213> Artificial Sequence
<223> Description of Artificial Sequence: PCR primer
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<210> 30
<211> 63
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<212> DNA

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<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: PCR primer
<400> 30
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agt
                                                                    63
<210> 31
<211> 31
<212> DNA
<213> Artificial Sequence
<223> Description of Artificial Sequence: PCR primer
tctagaggta ccatggccat gtggaaagac g
                                                                    31
<210> 32
<211> 38
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: PCR primer
<400> 32
caagcttctg cagagctctt actgcgagat ggtgtcgg
                                                                    38
<210> 33
<211> 60
<212> DNA
<213> Rana temporaria
<220>
<221> CDS
<222> (1)..(57)
<400> 33
atg gcc tct aga cat atg ttt ctg ccc cta atc ggg agg gtt ctc tcg
Met Ala Ser Arg His Met Phe Leu Pro Leu Ile Gly Arg Val Leu Ser
gga atc ctg taa
                                                                    60
Gly Ile Leu
<210> 34
<211> 19
<212> PRT
<213> Rana temporaria
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<400> 34
Met Ala Ser Arg His Met Phe Leu Pro Leu Ile Gly Arg Val Leu Ser
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                  5
                                      10
Gly Ile Leu
<210> 35
<211> 45
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:PCR primer
<400> 35
atgtttctgc ccctaatcgg gagggttctc tcgggaatcc tgtaa
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<210> 36
<211> 45
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: PCR primer
<400> 36
ttacaggatt cccgagagaa ccctcccgat taggggcaga aacat
                                                                   , 45
<210> 37
<211> 30
<212> DNA
<213> Artificial Sequence
<223> Description of Artificial Sequence: PCR primer
<400> 37
ggtacctcta gacatatgtt tctgccccta
                                                                    30
<210> 38
<211> 29
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: PCR primer
<400> 38
ctgcagagct cttacaggat tcccgagag
                                                                    29
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<210> 39
<211> 4
<212> PRT
<213> Phyllomedusa bicolor
<400> 39
Ala Met Trp Lys
  1
<210> 40
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:spacer sequence
<400> 40
Ala Ser Arg His
  1
<210> 41
<211> 4
<212> PRT
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<220>
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<400> 41
Ala Leu Trp Lys
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